

Appl. No. 10/603,685
Amendment filed March 15, 2005
Reply to Office Action of September 17, 2004

KAS-179

Amendments to the Specification

Pages 17 and 18, the paragraph bridging these pages, please
amend the bridging paragraph as follows:

In the air flow measuring body 3, there are formed a main passage 11 and an auxiliary passage 15 which is bent substantially in a C-like shape and includes the heating resistor 12 for detecting an air flow, the temperature sensing resistor 13 for sensing a temperature of intake air, and a temperature sensor 14 for measuring the temperature of intake air. The auxiliary passage 15 is constructed by fixing an auxiliary passage member 16, which constitutes most of the auxiliary passage, to a metal base 18 to which an electronic circuit 17 and the housing 1 are fixed. Also, the thermal type air flow measuring instrument 2 comprises the housing 1 and the auxiliary passage 15. Further, the housing 1 is formed as an integral unit by fixing, to it, the metal base 18, a cover ~~19~~ 18-a covering an open surface of the housing, and the auxiliary passage member 16. The air flow measuring body 3 and the thermal type air flow measuring instrument 2 are fixed together by fastening screw 19 through the screw holes 5 formed in the metal plate 6, which is inserted in the fixing portion 1-c of the housing 1, such that the housing 1

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and the electronic circuit 17 incorporated in the housing 1 for protection can be arranged within the main passage 11. Additionally, the electronic circuit 17, the supports 4, and the connector terminal 7 are electrically interconnection through aluminum wires 20 as conductive members.

Pages 40 and 41, the paragraph bridging these pages, please amend the bridging paragraph as follows:

In this example, unlike the embodiment shown in Fig. 1, the main terminal 7-a of the connector terminal 7 is bent substantially at a right angle. Also, the main terminal 7-a is bent toward the cover-~~19~~ 18-a covering the open surface of the housing frame-shaped portion 1-a. Further, the housing connector portion 1-b is also bent from the housing fixing portion 1-c at the same angle as that at which the main terminal 7-a is bent.